HUMAN NMDAR1 cDNAs

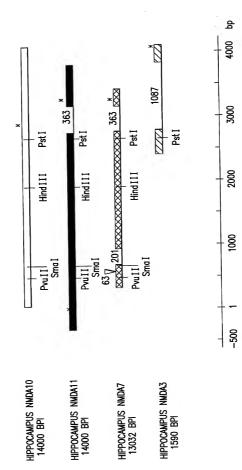
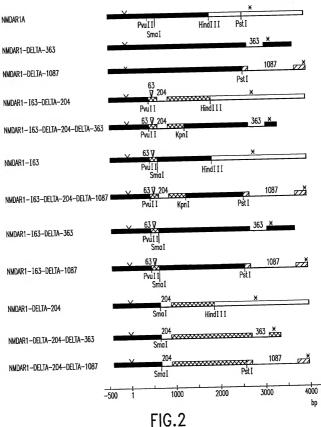


FIG.1

HUMAN NMDAR1A CONSTRUCTS



NUCLEOTIDE SEQUENCE OF THE HUMAN NADARIA RECEPTOR

coacegase atteganget gigecegace eegetteage accycagaea gegeegaeeg egiggggetg agegeegage eecegegeae getteageee eccitecete gacegacyte ecyggaccys cyclecegyy gagacytyge ytecycogec cycyyyycog gycyaydyca gyacyyceg yaageeceg 5

GENOCICATO TOCAGODAGA TOTAGSOSAT OCTAGITAGO CATOCACOTA COCOCAAGGA CCACITCACT COCACOCOTG TOTGCACAC AGOOSGOTTO ggggatiga cagaggaca agattaga cagacaga cagacaga gacagagac ATAACONO ATACACTICG TAACATICG CTICTICTTC TOJIGATOS TOSOOSIGC CGCGIGGSC CCAMANTO TCAACATTG CGCGSTGATE ACANOOGA AGACAGACA ACANCAGACA ATACAGA AT ACCIGECCIA CARGOSSCIA GESTICCTEGA AGATTCAGCT CAATGOCACC TOOSTCAGGC ACARGOCCAA CECCATOCSE ATGECTICTET GESTISTGOSA TACCECATAC COSTECTERS ECTEACCACC COCATETICA TCTACTORSA CARGAGCATE CACCTERICAT TCCTEGGGAC GETGCCGCCC TACTOCCACC Pvu II 55

AGTOCAGOGT GTOGTTTGAG ATGATODGTG TCTACAGCTG GAACCACATC ATCCTGCTGG TCAGGGAGGA CCAGGAGGGC GGGGGGGTC AGAAAGGCTT -63 bp INSERT

GONGAGECTE CTEGAGGAEC ETEASTECAA BBCAGAAAA GSTECTECAET TTGACCAGE GACCAAGAAC GTGAGGECCC TECTEATGA GBCBAAGAE CIGEAGEÓC GEÓTCATCAT COTTTCTGCC ACOSAGEACS ATGCTGCCAC TGTATACCSC GCAGCCCCCA TGCTGAACAT GACÁSSCTCC GEGTACSTGT

- 204 bp DELETION

> GECTIGATOSE COAGOGOGAG ÁTICTO3333A ACIDODOTIGOS CTACOSOCICA GACGECATOC TOSGECTIGOA GOTCATCIAAC GECAAGAACA ACIDISECUCA. CATCAGOSAC GOOGTGGGGC TGGTGGCCCA GGGGTGGTGG GAGCTGGTGG AGAGGAGAA CATCAGOGAC CGGGGGGGGG GGTGGGTGGG CAACACCAAC ATGTGGAAGA GGGGGGGGT GTTCAAGAGA GTGGTGATGT CTTCCAAGTA TGGGGATGGG GTGACTGGTG GGGGAGTT CAATGAGGAT GGGGACGGAGA AGTTGGGCAA CTACAGCATC ATGAACGTGC AGAAGGGAA GGTGGTGCAA GTGGGCATGT ACAATGGCAC CGAGGTCATC CGTAATGACA GAAGATCAT -BgIII-5 1201

ACCCTAKTE ATBOSACATE CAMGSAGSAE TTCACAGTCA ACCCGACCE AGTCAAGAAG GTGATCTGCA CCGGGCCCAA GSACACGTCS CCGGGCACAC COORCOACAC GETGCOTICAG TGTTGCTACG COTTTTGCAT CGACCTCCTC ATCAMOCTGG CACGGACCAT GAACTTCACC TACGAGGTGC ACCTGGTGGO AGATIGOCIAG TICOGOLACIA AGAIGOSOSOT GIACAACIAC AACAAGAAG AGTIGGATIGG GATGATIGGG GAGCTIGOTCA GOOSOCIAGO AGACATGATC GTGGCCCCCC TAACCATAAA CAACCACCC GCCCAGTACA TCCAGTTTTC CAACCCCTTC AAGTACCAGG GCCTGACTAT TCTGGTCAAG AAGAAATTC COOSSINGON, ESTEGACIOS TICATECARS CETTOCARAS CACACTETES CTECTOSTES ESCITETOSET ECACETESTE GOOSTEATES TETACOTECT GGACCOSTTC AGCOCCTTCS GCCGSTTCAA GSTGAACAGC GAGSAGGAGG AGGAGGACGC ACTGACCCTG TCCTCGGCCA TGTGGTTCTC CTG3GGCGTC СТВЕССИВЕС ВЕМЕМЕМИЕ МЕММЕССТСЕ МЕВЕТМОСМЕ МТЕТСОМОГА ВМСТВАМЕМТ ТЕТВАЮЗМТС СМОСМЕВМЕЕ ССТТОЕТЕТА ОБТОММЕССЕ 8 90 25 8 170

ARTIGAGO GOCOTTIGO GOCOTTAAO IGTBODGA GAACÁTGO GATAGAAGA GTGOTAGAG GAGOTGA AAGOAATT TAGGOTATA ACTOCACOO TGOCTTOCAG CITCAAGAGO GOTAGOTGO COAAGAGAC GAGOAGOGO GOTGAAGOGO GTGOTTIGCA AAGOAAAAA GACAGAGTG TGOOGGAGO GOCTATTGAA AGGGAGGAGG GOCAGOTGOA GOTGIGTTOO COTCATAGGA AAGAGAG GOCACGCC GCCCCCCCLCL goetecece aagecafee etgaettee agetygeage geeteegee geetegygee geeteetee gaalegagag ggetyagee eteeteteet egteeggeet geageacaga agggggeete eeeggaggte eeeggaeget ggetegggae tytetteaae eetgeeetge aeettyggea egggagagag COSCISCAGO COATOCIAGO, OSTORARAD, ANCARGOTOC ATGOCTTOAT CTGGGACTOG GOGGTGCTG6 AGTTCGAGGC CTGGCAGAG TGCGACCTG6 TGACGACTG6 AGACCTGTTT TTGCGCTGG6 GCTTGGGCAT AGGCATGGCC AAAGACAGCC CCTGCAAGCA GAGGTCTGC CTGTCCATCC TCAAGTCCCA CGAGATG6C TTCATGGAAG ACCTGGACAA GAGGTGGGTT GGGTATCAG6 AATGTGACTC GOGCAGCAAC GCCCCTGGGA CCCTTACTTT TGAGAACATG étececaga etágacetac cagocagoa gitagócaga tagoragica acacatica agocacagoa atacaccag catagogacta <u>acagacatest</u> tatetatata titetatiti gcagoagia cateccacia atateacaga ecagoicaae eteteagate ectogáteag cacatagia <u>laga</u>gaecec cetaggecte ecatecatec gecegeceae eccaetacet ggeggeage ecciqetaga ecaaggigeg gaeeggageg getgaggaeg gggeagaget gagteggetg ggeagggeeg eagggegete eggeagage aggeeetigg ggtetetigag eagtggggag egggggetaa etgeeeceag geggaggge tiggageaga gaeggeagec ceatectiee egeageacea geetgageea eagiggggee eaiggeecea geiggeiggg tegeeeetee legggegeet gaagicacco acctaeccaa ttageceage caaggacaet gatgagteet getgeteagg aaggeetgag ggaageecae eegeeecaga gaetgeecae gegetectet geageetgag etecacecte ecetettett geggeaeege ecaceaaaca eceegtetge ecettgaege eacaegeegg ggetggeget ACHOGOCIA CCIGGOGGC TICCTIGITGE TGGACOGGC GGAGGAGGC ATCACGGGCA TCAACACC TGGCTGAGG AACCCTGGG ACAAGTTAT CTACGCAGG GTGAAGCAGA GCTCGGTGGA TATCTACTTC CGGCGCCAGG TGGAGCTGAG CACCATGTAC GGGCATATGG AGAAGCACAA CTACGAGAGT CTECTCAACT 0335CATO36 GGAAG3353C COCAGÁÁGCT TÖTCAGGGG CATCCTGGGC ATGGTGTGGG 0335CTTTGC CATGATCATC GTGGCCTQCT GOOGGESTICT TCATGCTGGT ASCTGSSSSC ATCSTGSCC GSATCTTCCT GATTITCATC GAGATTGCCT ACAAGGSGCA CAAGGATGCT

300

3101 3201 ₹ 5 3501 3701

2301 2501 2601

2201

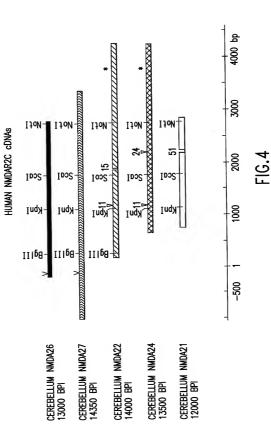
3301

ceaceáges geococace tegelicaga lagitacea geocaceáe tigtacagaa ecagoaete cagagecea geocafaet teocogigos eagecagast etacecetec glocceagag tacagacaca caceaceae ecocacete ocagigitata cagiga<u>lagi</u> geotaaagaa ataleaea

3801 3901

3601

DELETION



CONSTRUCTION OF THE FULL-LENGTH HUMAN NMDAR2C cDNAs

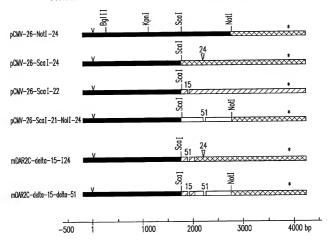


FIG.5

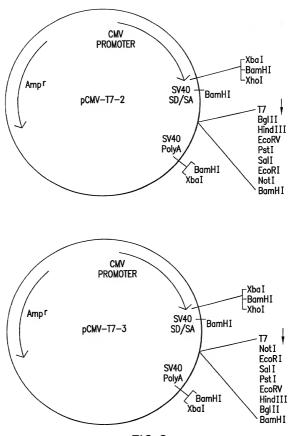


FIG.6